

# Work Order ID 70058



Page 1

Thursday, May 26, 2011 9:09:16 AM

Item ID: D2370

Accept



Setup Start



Revision ID:

Stop



Item Name: Litter Assembly

Start Date: 5/26/2011 Start Qty: 2.00



Cust Item ID:

Required Date: 6/6/2011 Req'd Qty: 2.00



Customer:

Reference:

Approvals:

Process Plan:

*[Signature]*

Date: 11-05-24

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run Start



Stop



Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

Draw Nbr

Revision Nbr

D2370

Rev C

100

0.00



PURCHASING

Purchasing

Memo

0.00

Purchasing

Issue p/o: 14175 ☐ Order: Model 12-2A undrilled with grey pad & black belts ☐ Supplier: Ferno Aviation ☐ Letter of compliance required

*11-05-24*  
*(2)*

110

Receive & Inspect for Damage & Mat'l Certs

0.00



Packaging

Memo

0.00

Packaging

Insure that letter of compliance is attached to w/o

*Rec'd 5/11*  
*(2)*

120

QC6- Inspect dimensions to drawing

0.00



QC

Memo

0.00

Quality Control

*Subs*

POSITIVE RECALL

EFFECTIVE 11-07-08

AUTH

*certs*

RELEASED

DATE 11-07-27

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Work Order ID 70058

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Page 2

Item ID: D2370

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Stop



Item Name: Litter Assembly

Start Date: 5/26/2011 Start Qty: 2.00



Cust Item ID:

Required Date: 6/6/2011 Req'd Qty: 2.00



Customer:

Reference:

Run Start



Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Stop



QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

130



Small Fab

Small Fab

0.00

Memo

0.00

1-Assemble as per Dwg D2370□2-Drill 0.191" holes as per Dwg D2370□3-  
Replace lose rivets with screw per dwg D2370□ Apply locktite□3-Deburr

5/24/07/19 (2)

140



QC

Quality Control

QC5- Inspect part completeness to step on W/O

0.00

Memo

0.00

8 w/ozle

(+2)

150



Packaging

Packaging

Identify as per dwg & Stock Location: 231

0.00

Memo





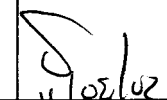

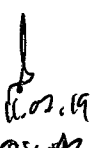
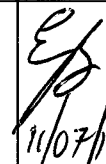
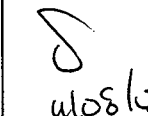
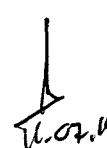
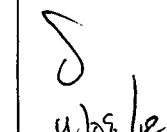
0.00

11/8/2 SP2



W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: D2370 PAR #: N/P Fault Category: Small FAB NCR: Yes No DQA: 11-08-09 Date: 9/11/2011  
 Resolution: Re work Disposition: Re work QA: N/C Closed Date: 11/03/10

NCR: <u>70058</u>		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			
11.07.19	B30	HOLE FOR PIP-PIN, ON WIDE, CHIPPED SEVERELY, LEAVING PIP PIN PASSING THROUGH. RC: PROCESS	 11.07.19 CS1042	PLUG HOLE W/WELD <del>ED</del> <del>DRILL THROUGH, WIDEN</del> <del>ONLY</del> WIDE ONLY. ROD PIN: <u>M114703</u> (WEDGED)	 11.07.19	 11.08.12	 11.07.19	 11.08.12
			 11.07.19 CS1042	DRILL THROUGH HOLE.	 11/07/19	 11.08.12	 11.07.19	 11.08.12

NOTE: Date &amp; initial all entries

**Work Order ID 70058**

Thursday, May 26, 2011 9:09:16 AM



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Item ID: D2370

Accept



Setup Start



Revision ID:

Stop



Item Name: Litter Assembly

Start Date: 5/26/2011 Start Qty: 2.00



Cust Item ID:

Required Date: 6/6/2011 Req'd Qty: 2.00



Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start



QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

160

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

CK 11/08/03  
11-08-3  
(2)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

Thursday, May 26, 2011 9:09:23 AM

Page 1

Work Order ID: 70058

Parent Item: D2370

Parent Item Name: Litter Assembly

Start Date: 5/26/2011


Required Date: 6/6/2011

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP D 01.10.10 Changed D2484 nut for D3015-1 SM  
IPP E 06.12.12 ecn 888 ec

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

MS27039-4-06		Purchased	No			110	Each	65.0000	2	4			
													
Screw													

Location

Loc Qty

Loc Code

FP-A

30

115460


30

ST292

35

115460

35

AN960JD416L	NAS1149D0416J	Purchased	No			130	Each	3.0000	4	8			
													
Washer													

Location

Loc Qty


Loc Code


FP-B

3

110153

3

D2370P		Purchased	No			130	Each	0.0000	1	2			
													
Litter Assembly													

D2374		Manufactured	No			130	Each	6.0000	4	8			
													
Stud													

Location

Loc Qty

Loc Code

ST012

6

62074

6

6  
B68926 (2x)

B70058 (2x)

EP 5/11/07/19

EP 5/11/07/19

EP 5/11/07/19

EP 5/11/07/19

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



# Picklist Print

Thursday, May 26, 2011 9:09:23 AM

Page 2

Work Order ID: 70058

Parent Item: D2370

Parent Item Name: Litter Assembly

Start Date: 5/26/2011

Required Date: 6/6/2011

Start Qty: 2.00

Required Qty: 2.00

D2378

Manufactured No

130

Each

27.0000

4



Bolt



8  
5/11/07/19

Location

Loc Qty

Loc Code

ST012

27

61334

27

D3015-1

Manufactured No

130

Each

545.0000

4



Lock Nut



8  
5/11/07/19

Location

Loc Qty

Loc Code

ST030

545

14710

545

8

**Dart Aerospace Ltd**

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

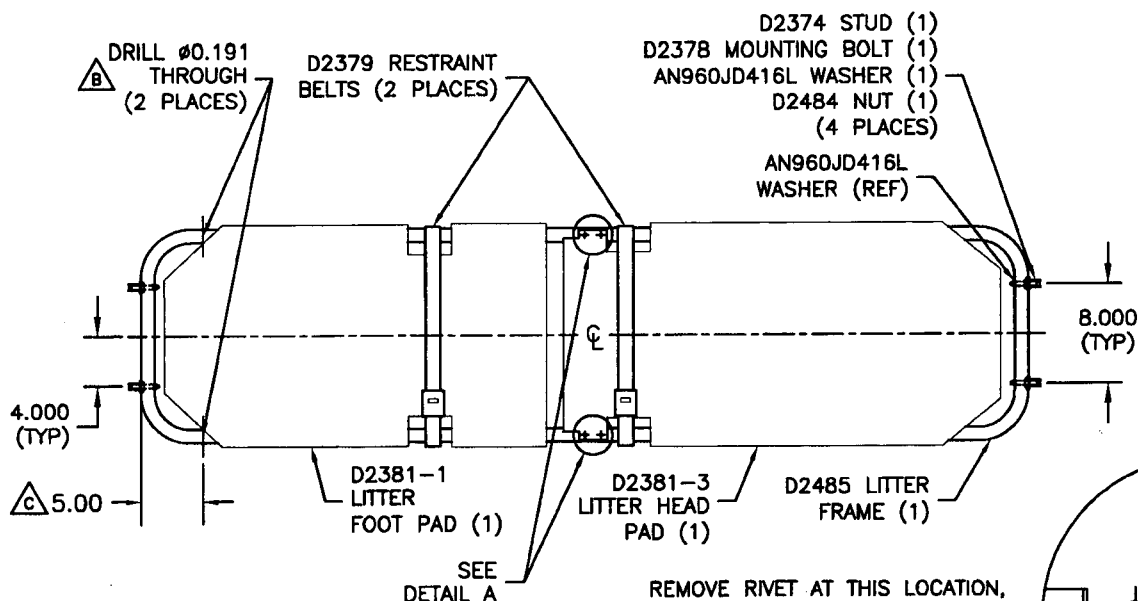
**NOTE:** Date & initial all entries

**DART**

DESIGN <b>KE</b>	DRAWN BY <i>[Signature]</i>	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>PH</i>	APPROVED <i>[Signature]</i>	DRAWING NO. <b>D2370</b>	REV. C SHEET 1 OF 1
DATE <b>06.11.21</b>		TITLE <b>LITTER ASSEMBLY</b>	SCALE NTS
A	95.02.20	NEW ISSUE	
B	98.06.09	ADDED Ø0.191 HOLES	
C	06.11.21	ADD ALTERNATE FOR D2484, MS SCREWS, TAPPED HOLES, AND 5.00 WAS 5.34	

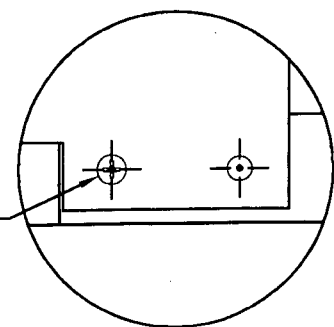
**RELEASED****06 12.05** *[Signature]*

D2370	Part No.	Description
X	D2370	LITTER ASSEMBLY
4	D2374	STUD
4	D2378	MOUNTING BOLT
2	D2379	RESTRAINT BELTS
1	D2381-1	LITTER PAD
1	D2381-3	LITTER PAD
4	D2484	NUT (OR D3015-1) $\triangle$ C
1	D2485	LITTER FRAME
4	AN960JD416L	WASHER
2	MS27039-4-06	SCREW $\triangle$ C

**NOTES:**

- 1) ALL DIMENSIONS ARE IN INCHES
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE STATED
- 3) FINISH: NONE
- 4) TORQUE SCREWS TO 15-25 in-lb
- 5) REMOVE ALL SHARP EDGES 0.010 TO 0.020 MAX

REMOVE RIVET AT THIS LOCATION, ENLARGE HOLES TO Ø0.213 (#3 DRILL) x 0.75 DEEP, TAP HOLE 1/4-28 UNF x 0.50 DEEP, SECURE PARTS WITH  $\triangle$ C MS27039-4-06 SCREW (1) (2 PLACES)

**DETAIL A**  
RIVET REPLACEMENT**Copyright © 1995 by DART AEROSPACE LTD**

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO14175

Purchase Order Date 5/26/2011

PO Print Date 5/26/2011

Page Number 1 of 1

Order From :

VU-FER001

FERNO AVIATION INC.  
735-B BRANCH DR.  
ALPHARETTA, GA 30004  
US

Contact Name

Vendor Phone

Vendor Fax

Vendor Account Nbr

770 521 1005

770 521 0910

Buyer

Requisition Nbr

Tax Resale Nbr

Terms

Currency

FOB

Brigitte Golden

10127-2607

Net 30

USD

Destination-Collect

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

FAID  
Chloro 2

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	D2370P	Litter Assembly	7/01/2011 6/27/2011 Yes	2.00 Each	FedEx PI collect	\$1,269.9600	\$2,539.92

Special Inst: As per DWG: D2370 Rev:C  
B70058  
Model 12-2A undrilled with grey pad &  
black belts

PO Total: \$2,539.92

Change Nbr: 1

Change Date: 5/26/2011

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable

# **FERNO** Aviation, INC.

735-B Branch Drive  
Alpharetta, GA 30004  
Office 770.521.1005 Fax 770.521.0910  
<http://aviation.ferno.com>

## Commercial Invoice

DATE	INVOICE NO.
7/7/2011	11069

BILL TO
Dart Aerospace, Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7 Canada Attn: Accounts Payable

SHIP TO
Dart Aerospace, Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7 Canada Ref: PO 14175

PO NO.	TERMS	REP	SHIP DATE	SHIP VIA	FOB
14175	Net 30	CW	7/7/2011	FedEx P1	Alpharetta, GA
ITEM	DESCRIPTION	QTY	UNIT PRICE	AMOUNT	
STFL3030-810	FAA Approved Patient Restraint, Black, Conforms to TSO 22G, ABISS Hardware.	4	1.00	4.00	
997278796261					
Thank you for your order!				Total	\$4.00

Aircraft Belts Inc.  
1176 Telecom Drive  
Creedmoor NC 27522

Form: SC-108B  
Phone: (800) 847-5651  
Fax: (919) 956-4220



FAA R.S. #: YBIR632K

Packing Slip: 12111

PACKING SLIP / CERTIFICATION

Page: 1

TERMS: Net 30

Cust. ID: F38

Ship To:

Sold To:

Ferno Aviation  
735-B Branch Drive  
Alpharetta GA 30004

Ferno Aviation  
735-B Branch Drive  
Alpharetta GA 30004

PO: 6379  
Ship Date: 7/2/2010

Ship Via: FEDEXECONOMY  
SO: 86327

FOB: ORIGIN

Sales Person: Duncan, Virginia

\*\*\*\*\* Ship UPS GROUND acct # E1129E \*\*\*\*\*

Line	Planned Qty	Shipped Qty	Backorder	Part Number	Revision
1	75.00 EA	75.00	0.00	STFL	C
Description: STFC3030-810 Stretcher Belt -					
2	30.00 EA	30.00	0.00	STF	C
Description: STFC3030-810 Stretcher Belt Kit					
3	20.00 EA	20.00	0.00	SUF	A
Description: Stretcher Belt w/Dual Shoulder Straps					

CERTIFICATION

This is to certify that the above components have been manufactured/repared and inspected in accordance with current Federal Aviation Regulations: TSO C-22 and/or TSO C-114 and found airworthy for service unless otherwise noted. The conditions and tests required for TSO approval of this article are minimum performance standards. It is the responsibility of those desiring to install either on or within a specific type of class of aircraft to determine that the aircraft installation conditions are within the TSO standards. If not within the TSO standards, the article may be installed only if further evaluation by the applicant documents an acceptable installation and is approved by the administrator. Details of this manufacture/repair are on file at this facility.

BY: \_\_\_\_\_



P 937.382.1451  
F 937.382.1191

70 Weil Way  
Wilmington, Ohio 45177

877.733.0911  
www.ferno.com

18 July, 2011

### Certificate of Conformance

Manufacturer: Ferno-Washington Inc.  
Manufacture Address: 70 Weil Way  
Wilmington, Ohio USA  
Order No. 917552  
Reference P.O. Ferno Aviation PO#: 6861  
Dart Aerospace, LTD. PO#: PO14175  
Model No. Model 12-2 Stretcher, Gray  
Item Number: Ferno-Washington #  
0163255 12-2 STRETCHER GRAY  
Ferno Catalog Number: N/A  
Serial Nos. 11N195269, 11N195270

*S*  
*wosler*

I certify that the above referenced products are produced in accordance with applicable Ferno-Washington Inc. engineering standards using approved manufacturing methods and materials. The products have been inspected using approved test procedures and inspection criteria for Ferno-Washington medical devices.

Ferno-Washington Inc. is a registered manufacturer (Registration No. 1523574) with the United States Food and Drug Administration (FDA) as a manufacturer of medical devices, and the Quality Management System has been verified by the FDA to be in compliance to FDA's Code of Federal Regulations 21 Part 820.

Ferno-Washington, Inc. maintains a Quality Management System that fulfills the requirements of DIN EN ISO 9001:2000, ISO 13485:2003 and CMDCAS (Canadian Medical Devices Conformity Assessment System). Copies of Ferno-Washington, Inc.'s ISO 9001:2000 and ISO 13485 certificates issued by Intertek are available upon request.

  
Thomas E. Livingston  
Director of Quality





P 937.382.1451  
F 937.382.1191

70 Weil Way  
Wilmington, Ohio 45177

877.733.0911  
www.ferno.com

2011

### Burn Certificate

Order No. 917552

Reference P.O. Ferno Aviation PO#: 6861  
Dart Aerospace LTD PO#: PO14175


Model No. Model 12-2 Stretcher, Gray

Item Number: Ferno-Washington #  
12-2 STRETCHER GRAY

Serial Nos. 11N195269, 11N195270

We certify that the material(s) listed above complies in all respects with the flammability requirements of the Department of Transportation Federal Aviation Administration FAR 25.853 appendix F Part I (a)(1)(ii).

**FAR 25.853** "...The average burn length may not exceed six inches and the average flame time, after removal of the flame source, may not exceed 15 seconds. Drippings from the test specimen may not continue to flame for more than an average of three seconds after falling.

  
Thomas E. Livingston  
Director of Quality